

2018 Vol. 19 No. 11 Nov. P. 815-894



INTERNATIONAL  
EXCELLENCE  
Awards 2017

Journal of Zhejiang University-SCIENCE B (Biomedicine & Biotechnology)

Year 2018  
Volume 19  
Issue 11

Editors-in-Chief:  
Shu-min Duan  
Zhi-hong Liu

Impact factor:  
1.815 (2017)

万方数据

ISSN 1673-1581



Journal of Zhejiang University – SCIENCE B

# Biomedicine & Biotechnology

浙江大学学报（英文版）B辑  
生物医学与生物技术

Zhejiang  
University  
Press

 Springer



*J Zhejiang Univ-Sci B  
(Biomed & Biotechnol)*

**Administrated by**  
Ministry of Education, China

**Sponsored by**  
Zhejiang University

**Published by**  
Zhejiang University Press

**Edited by**  
Editorial Office of *Journal of  
Zhejiang University-SCIENCE A/B &  
FITEE*

**Printed by**  
Hangzhou Shengyuan Printing  
Services Co., Ltd.

**Publication Date**  
1st Week per Month

**ISSN 1673-1581**  
**CN 33-1356/Q**

Vol. 19, No. 11, p. 815-894 | Nov., 2018

# CONTENTS

## Editorial

- 815 Towards a multidimensional scientific approach to improve clinical practices for infertility treatment  
Yu-hang ZHU, Fan QU

## Articles

- 818 Assessment of cortical bone microdamage following insertion of microimplants using optical coherence tomography: a preliminary study  
Hemanth Tumkur LAKSHMIKANTHA, Naresh Kumar RAVICHANDRAN, Mansik JEON, Jeehyun KIM, Hyo-sang PARK
- 829 Radiofrequency ablation versus hepatic resection for breast cancer liver metastasis: a systematic review and meta-analysis  
Yi-bin XIAO, Bo ZHANG, Yu-lian WU
- 844 Effect of a combination of astaxanthin supplementation, heat stress, and intermittent reloading on satellite cells during disuse muscle atrophy  
Toshinori YOSHIHARA, Takao SUGIURA, Nobuyuki MIYAJI, Yuki YAMAMOTO, Tsubasa SHIBAGUCHI, Ryo KAKIGI, Hisashi NAITO, Katsumasa GOTO, Daijiro OHMORI, Toshitada YOSHIOKA
- 853 Hyperbaric oxygen therapy improves the effect of keloid surgery and radiotherapy by reducing the recurrence rate  
Ke-xin SONG, Shu LIU, Ming-zi ZHANG, Wei-zhong LIANG, Hao LIU, Xin-hang DONG, You-bin WANG, Xiao-jun WANG
- 863 Effects of corneal thickness distribution and apex position on postoperative refractive status after full-bed deep anterior lamellar keratoplasty  
Bing-hong WANG, Ye-sheng XU, Wen-jia XIE, Yu-feng YAO
- 871 Dual flow immunochromatographic assay for rapid and simultaneous quantitative detection of ochratoxin A and zearalenone in corn, wheat, and feed samples  
Xian ZHANG, Ke HE, Yun FANG, Tong CAO, Narayan PAUDYAL, Xiao-feng ZHANG, Hou-hui SONG, Xiao-liang LI, Wei-huan FANG
- 884 A high-fat diet increases body fat mass and up-regulates expression of genes related to adipogenesis and inflammation in a genetically lean pig  
Xue-fen YANG, Yue-qin QIU, Li WANG, Kai-guo GAO, Zong-yong JIANG

**English Consultants** Alan SINGLETON (UK), Alan SEAL (NZ), Judy REDFEARN (UK),  
Clarence SINGLETON (UK)

**Executive Editors** Qing YE, Han-feng LIN